



SUPERIOR[®] Compressors

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	CFA	RAM	MH6
Number of Throws	2, 4	2, 4	2, 4, 6
Stroke in (mm)	3 (76)	5 (127)	6 (152)
RPM Range	850-1800	600-1500	600-1200
Frame HP @ Max rpm			
2 Throws HP (kW)	290 (216)	1190 (887)	1800 (1343)
4 Throws HP (kW)	580 (432)	2375 (1771)	3600 (2685)
6 Throws HP (kW)	NA	NA	5400 (4027)
Gas Rod Load: lbs (kN):			
<i>Tension or</i>			
<i>Compression</i>	13,000 (58)	40,000 (179)	52,000 (231)
<i>Total Peak to Peak</i>	26,000 (116)	80,000 (358)	104,000 (463)
<i>Net Load</i>	11,000 (49)	35,000 (157)	42,000 (188)
Main Diameter in (mm)	3.125 (79)	5 (127)	7 (178)
Crankshaft	4140 Steel	4140 Steel	4140 Steel
Connecting Rod	Forged Steel	Forged Steel	Forged Steel
Crosshead	DI	DI	DI
Throw in (mm)	24 (610)	36 (914)	44 (1118)
Rod Diameter in (mm)	1.125 (29)	2 (51)	2.25 (57)
Frame Dry Weight			
2 Throws lbs (kg)	1200 (544)	2450 (1114)	7100 (3227)
4 Throws lbs (kg)	2000 (907)	5100 (2318)	15,000 (6818)
6 Throws lbs (kg)	NA	NA	23,000 (10,455)

	WH6	WH7	WG6	WG7
Number of Throws	2, 4, 6	2, 4, 6	2, 4, 6	2, 4, 6
Stroke in (mm)	6 (152)	7 (178)	6 (152)	7 (178)
RPM Range	600-1200	600-1000	600-1200	600-1000
Frame HP @ Max rpm				
2 Throws HP (kW)	1800 (1343)	1700 (1268)	3000 (2238)	2500 (1865)
4 Throws HP (kW)	3600 (2685)	3400 (2536)	6000 (4476)	5000 (3730)
6 Throws HP (kW)	5400 (4027)	5100 (3804)	9000 (6714)	7500 (5595)
Gas Rod Load: lbs (kN):				
Tension or				
Compression	65,000 (291)	65,000 (291)	75,000 (336)	75,000 (336)
Total Peak to Peak	130,000 (582)	130,000 (582)	150,000 (672)	150,000 (672)
Net Load	55,000 (247)	55,000 (247)	70,000 (314)	70,000 (314)
Main Diameter in (mm)	7 (178)	7 (178)	8 (203)	8 (203)
Crankshaft	4140 Steel	4140 Steel	4140 Steel	4140 Steel
Connecting Rod	Forged Steel	Forged Steel	Forged Steel	Forged Steel
Crosshead	DI	DI	DI	DI
Throw in (mm)	44 (1117.6)	44 (1117.6)	48 (1219.2)	48 (1219.2)
Rod Diameter in (mm)	2.5 (64)	2.5 (64)	2.75 (70)	2.75 (70)
Frame Dry Weight				
2 Throws lbs (kg)	7600 (3455)	7600 (3455)	11,500 (5200)	11,500 (5200)
4 Throws lbs (kg)	16,000 (7272)	16,000 (7272)	21,500 (9800)	21,500 (9800)
6 Throws lbs (kg)	24,500 (11,136)	24,500 (11,136)	31,500 (14,300)	31,500 (14,300)